

# CytoFLEX Platform

## 96-well Plate Sample Loaders



	<b>STANDARD AND DEEP WELL TUBE/PLATE SWITCH CONTROL</b>	<b>STANDARD WELL TUBE/PLATE SWITCH CONTROL</b>	<b>STANDARD WELL MANUAL TUBE/PLATE SWITCH</b>
<b>Part Number, Description</b>	<b>C16574, CytoFLEX Plate Loader DW</b>	<b>C02396, CytoFLEX Plate Loader with Mode Control Upgrade Kit</b>	<b>B63215, CytoFLEX Plate Loader</b>
Tube or Plate Sample Injection Mode	Sample Injection Mode can be changed by using the Sample Injection Mode Control Switch.	Sample Injection Mode can be changed by using the Sample Injection Mode Control Switch.	Sample Injection Mode can be changed manually.
Software	CytExpert version 2.2 or above	CytExpert version 2.0 or above	CytExpert version 1.1 or above
Carryover	<0.5%		
Mixing	Single well mixing. Mixing time is adjustable.		
Plate Compatibility	96-well flat, U-bottom, V-bottom and deep well (45.5 mm height max, 5.8 mm well bottom diameter minimum)	96-well flat, U-bottom and V-bottom	
Minimum Sample Volume	50 µL/well 200 µL/well for efficient deep well mixing	45 µL/well	
Dead Volume	20 µL	20 µL (flat bottom) 10 µL (U- or V-bottom)	
Weight	4.5 kg		
Dimension (W x D x H)	23.5 cm x 25.5 cm x 18.0 cm	23.5 cm x 25.5 cm x 15.5 cm	
Space Requirement	Installed inside the instrument. No extra space is required.		
Power	Connect to the power module of the cytometer directly. No extra power supply is needed.		
Operating Temperature	15-30 °C, non-condensing		
Noise	<65 dBA		

### CYTOFLEX AND CYTOFLEX S MODELS

Throughput Standard Well Plates	10 sec acquisition without mixing or backflush: <36 min 10 sec acquisition with 5 sec mixing and 4 sec backflush: <54 min	10 sec acquisition without mixing or backflush: <35 min 10 sec acquisition with 3 sec mixing and 4 sec backflush: <50 min	10 sec acquisition without mixing or backflush: <32 min 10 sec acquisition with 3 sec mixing and 3 sec backflush: <45 min
Throughput Deep Well Plates	10 sec acquisition without mixing and washing: <54 min 10 sec acquisition with 10 sec mixing* and 4 sec backflush: <64 min		

### CYTOFLEX LX MODELS

Throughput Standard Well Plates	10 sec acquisition without mixing or backflush: <39 min 10 sec acquisition with 5 sec mixing and 6 sec backflush: <40 min	10 sec acquisition without mixing or backflush: <38 min 10 sec acquisition with 3 sec mixing and 6 sec backflush: <56 min	10 sec acquisition without mixing or backflush: <34 min 10 sec acquisition with 3 sec mixing and 3 sec backflush: <47 min
Throughput Deep Well Plates	10 sec acquisition without mixing and backflush: <60 min 10 sec acquisition with 10 sec mixing and 6 sec backflush: <69 min		

\*Performance with deep well plates are based on the testing results with Beckman Coulter deep well plates, part number 267001, 267006 and 140504. Results may vary with different types of plates.



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